

# Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended August 16, 1958

The number of reported cases of poliomyelitis for the week ended August 16 was 233, 114 of which were paralytic. This compares with corrected totals of 199 and 89 respectively for the previous week and 314 and 81 respectively for the week ended August 17, 1957. There was an increase in incidence in the Middle Atlantic, East North Central, West South Central, Mountain, and Pacific States. Each of the Middle Atlantic States and Michigan continued to report an increase in number of cases.

The number of paralytic cases continues to be in excess of nonparalytic each week, and to exceed the number of such cases reported in the same week last year.

A large proportion of the cases reported in New Jersey have occurred in 3 heavily populated counties in the northern part of the State. More than half of the cases in Michigan have been in Detroit. In Virginia, increased incidence has been con-

finied to a few counties in the extreme southwestern part of the State. This is contiguous to an area of West Virginia where many of the cases reported by that State have been concentrated. The southern half of Florida has reported most of the cases in that State. Two urban areas of Texas have reported a relatively large number of cases. Hawaii continues to report cases—5 for the current week which brings the total to 53.

### EPIDEMIOLOGICAL REPORTS

#### Aseptic meningitis

Information from Dr. Charlotte Silverman, Maryland State Department of Health, states that more than 100 cases of aseptic meningitis have been reported by practicing physicians

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	33d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Aug. 16, 1958	Ended Aug. 17, 1957	Median 1953-57	First 33 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	13	-	1	10	14	20	(2)	(2)	(2)	(2)
Botulism-----049.1	-	2	1	3	9	7	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	12	16	27	516	636	837	(2)	(2)	(2)	(2)
Diphtheria-----055	10	18	19	407	572	932	57	108	142	July 1
Encephalitis, infectious-----082	58	81	31	1,119	1,063	1,006	510	503	413	June 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	246	282	409	10,086	10,602	21,100	13,891	15,801	27,173	Sept. 1
Malaria-----110-117	2	6	18	44	84	297	(2)	(2)	(2)	(2)
Measles-----085	2,525	1,410	1,627	707,068	447,350	524,258	739,971	484,559	571,135	Sept. 1
Meningococcal infections-----057	38	44	44	1,699	1,629	2,498	2,656	2,360	3,520	Sept. 1
Meningitis, other-----340	107	56	---	41,899	1,381	---	---	---	---	---
Poliomyelitis-----080	233	314	1,785	51,638	3,212	9,866	51,419	2,686	8,715	Apr. 1
Paralytic-----C80.0, 080.1	114	81	---	801	1,055	---	680	781	---	Apr. 1
Nonparalytic-----080.2	82	187	---	593	1,660	---	525	1,497	---	Apr. 1
Unspecified-----080.3	37	46	---	244	497	---	214	408	---	Apr. 1
Psittacosis-----096.2	7	4	4	100	185	188	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	2	3	4	(2)	(2)	(2)	(2)
Typhoid fever-----040	39	55	56	592	813	1,145	415	556	833	Apr. 1
Typhus fever, endemic-----101	3	1	1	48	76	87	36	51	71	Apr. 1
Rabies in animals-----	74	51	72	3,132	3,020	3,606	3,947	3,984	4,971	Oct. 1

<sup>1</sup>Reported in Arkansas, Louisiana, and Pennsylvania. <sup>2</sup>Data show no pronounced seasonal change in incidence. <sup>3</sup>Includes 41 cases of aseptic meningitis: 12 were reported in the District of Columbia, 20 in Florida, 1 in Iowa, 7 in Maryland, and 1 in Wisconsin. <sup>4</sup>Includes 41 cases of aseptic meningitis for current week and delayed report of 35 cases from Washington for week ended August 9. <sup>5</sup>Includes revised report from Arkansas for one or more of the categories paralytic, nonparalytic, and unspecified poliomyelitis.

Symbols.—1 dash [-]: no cases reported; 3 DOWN [UN]CABLE DISEASE CENTER

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## EPIDEMIOLOGICAL REPORTS—Continued

in Montgomery County. According to Dr. Lenore Bajda, assistant deputy State health officer for the county, most of the cases have been in children, but a number of adults have contracted the illness also. Onset usually has been sudden; high fever, severe headache, and gastro-intestinal symptoms have been frequent, and in some cases a measles-like rash has been evident. ECHO 9 virus has been isolated from 7 patients who were hospitalized at the National Institutes of Health. These are included in the 13 cases of meningitis, other, reported for the current week.

Twelve of the 13 cases of meningitis, other, reported in the District of Columbia for the current week are aseptic meningitis. The type was not indicated.

The Washington Communicable Disease Report, for the week ended August 2, states that so far in 1958, 60 cases of apparent virus infection of the central nervous system have occurred in Snohomish County. Three cases were classified as paralytic poliomyelitis; 2 of these have been confirmed by polio virus type I isolation from stool specimens. Thirty-nine cases were reported as aseptic meningitis; some also had a transitory exanthem. The other 18 have just entered into surveillance. Laboratory specimens have been obtained from 51 of the 60 cases. Cytopathogenic agents in monkey tissue culture have been isolated from several of the first aseptic meningitis stools examined. Six of these are not polio virus. Final classification will be made after definitive tests. For the week ended August 9, 33 cases of aseptic meningitis were reported in King County. Onsets of most of these cases occurred during July.

According to the Mississippi Morbidity Report for the week ended August 8, the occurrence of small groups of viral meningitis now has been reported in 3 widely separated counties with the report of 6 cases in Tate County. The clinical picture has led to a diagnosis of lymphocytic choriomeningitis. Laboratory specimens that were available are being processed.

Bacillary dysentery

Dr. John Mason, New Mexico Department of Public Health, has reported an outbreak of bacillary dysentery among 23 of 70 persons on a 9-week horseback trip. Sixty-four of the 70 persons were boys 8 to 17 years old. The tour started in Arizona on June 7 and ended on July 26 in New Mexico where the group camped for several days. Food served during the trip was prepared by an experienced cook and was supplied chuck-wagon style. Drinking water was obtained from sources along the trail and routinely treated with Halazone tablets or Clorox solution.

During the last few days of the trip water for drinking purposes was obtained from a windmill livestock watering tank. The first 2 illnesses began on July 27, another on July 28, and the fourth on July 29. Fourteen cases began on July 30 and then 1 case on each of the next 5 days. None of the adults in the group suffered any clinical illness. The clinical picture showed malaise, fever, chills, headache, abdominal cramps, tenesmus, vomiting, and diarrhea. Blood in the stool was noticed in only 1 case. The course of the illness varied from 1 to 7 days. A few cases suffered recurrence of symptoms from 7 to 10 days after onset. None of the cases required hospitalization. None of the food was available for examination and stool specimens could not be obtained from the cook or other adults in the group. Stool specimens were obtained from 11 boys who had been ill and 10 who had not had any symptoms. Shigella sonnei was iso-

lated from the specimens from all these persons. The exact source of infection could not be determined, but it is reported that inadequately treated and heavily contaminated water from the livestock tank was probably the cause of the outbreak.

Mushroom poisoning

The California State Department of Health has reported 2 cases of mushroom poisoning. A mother and her daughter ate mushrooms which had been picked by a friend in his yard and fried in olive oil. The daughter became ill with symptoms of nausea, vomiting, diarrhea, and cramps about 1 hour after eating and her mother became ill with similar symptoms about 3 hours after first eating the mushrooms. The symptoms lasted about 12 hours. Other mushrooms picked from the same location were identified by a botanist as Lepiota morgani, a poisonous mushroom.

Trichinosis

Dr. W. J. Bashe, Ohio Department of Health, has reported a hospital-related outbreak of trichinosis which affected 78 persons, including hospital employees, student nurses, patients, and visitors. Symptoms were compatible with the diagnosis of trichinosis, and studies including flocculation tests on paired specimens, skin tests, and eosinophile counts were performed on most of these persons as well as 40 asymptomatic persons who ate at the hospital. Approximately half of those who were symptomatic had definite laboratory evidence of recent trichinosis infection and 6 of those who were asymptomatic had undergone inapparent disease.

Dietary histories were obtained from most of those who were symptomatic as well as from 119 employees who ate at the hospital but did not become ill. Analysis of this and other data strongly suggested that the source of infection was ham salad served at the hospital. Some of those who were definitely ill denied having eaten the ham salad, however. Investigation of the smoked ham used in preparation of the salad, both in the hospital and at the packing house, indicated that the ham itself should have been free of viable Trichinella, but contamination could have resulted from raw pork being added at the time the food was prepared. It could not be determined whether this had occurred in either the hospital or the packing house.

Gastro-enteritis

Dr. Roy F. Feemster, Massachusetts Department of Public Health, has reported an outbreak of gastro-enteritis in a camp. Twenty-six of 85 campers and 7 of 21 staff members showed symptoms of nausea, vomiting, abdominal cramps, and diarrhea several hours after eating an evening meal consisting of chicken a la king, boiled peas, milk, chocolate cake, bread, and butter. Symptoms subsided during a 24-hour period, and no serious sequelae were reported. The chickens used for the meal were fresh and were delivered to the camp packed in dry ice. They were then kept at a temperature of 40° F. until prepared for the meal. The chicken was washed and boiled about noon, boned about 3 p.m. and then kept in an oven until served at 6 p.m. Only pasteurized milk was used at the camp, and the water supply was from private wells which are examined frequently and have shown no evidence of contamination. Samples of food were not available for laboratory examination. Stool specimens from 2 persons involved were reported as negative for Salmonella. Five other specimens from ill campers and kitchen workers were spoiled for study in transit to the laboratory.

# Morbidity and Mortality Weekly Report

**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 17, 1957, AND AUGUST 16, 1958**

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		33d week		Cumulative first 33 weeks		082		33d week		Cumulative first 33 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	12	16	10	18	407	572	58	81	246	282	10,086	10,602
NEW ENGLAND-----	-	-	-	-	5	19	1	2	16	12	355	578
Maine-----	-	-	-	-	-	3	-	-	1	-	49	181
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	-	-	-	-	-	-	-	-	-	-	13	86
Massachusetts-----	-	-	-	-	4	16	1	1	13	6	173	166
Rhode Island-----	-	-	-	-	-	-	-	-	-	5	45	55
Connecticut-----	-	-	-	-	1	-	-	1	2	1	73	82
MIDDLE ATLANTIC-----	-	-	-	1	32	57	11	4	52	53	1,254	1,631
New York-----	-	-	-	1	15	30	8	3	40	30	852	974
New Jersey-----	-	-	-	-	2	9	1	1	6	10	100	221
Pennsylvania-----	-	-	-	-	15	18	2	-	6	13	302	436
EAST NORTH CENTRAL-----	2	6	1	-	30	37	7	17	42	52	1,750	1,856
Ohio-----	-	-	-	-	6	8	1	5	10	11	564	464
Indiana-----	-	-	1	-	14	9	-	4	4	11	162	289
Illinois-----	1	5	-	-	4	3	4	4	8	17	424	404
Michigan-----	1	-	-	-	5	15	2	3	12	10	490	526
Wisconsin-----	-	1	-	-	1	2	-	1	8	3	110	193
WEST NORTH CENTRAL-----	-	6	1	1	72	51	1	4	24	18	854	634
Minnesota-----	-	3	-	-	30	21	-	-	8	6	116	230
Iowa-----	-	2	-	1	13	7	-	2	4	4	152	150
Missouri-----	-	-	1	-	13	1	-	-	3	1	166	106
North Dakota-----	-	-	-	-	3	3	1	1	7	6	143	81
South Dakota-----	-	-	-	-	5	6	-	1	-	-	9	27
Nebraska-----	-	-	-	-	8	8	-	-	-	1	55	18
Kansas-----	-	1	-	-	-	5	-	-	2	-	213	22
SOUTH ATLANTIC-----	3	1	6	3	103	161	11	1	14	30	725	806
Delaware-----	-	-	-	-	-	-	-	-	1	1	34	7
Maryland-----	-	-	-	-	3	1	1	-	1	3	83	83
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	12	9
Virginia-----	-	1	-	-	15	10	-	-	-	9	174	316
West Virginia-----	-	-	-	-	9	4	-	-	3	-	109	62
North Carolina-----	-	-	-	-	13	22	2	-	2	5	40	72
South Carolina-----	-	-	-	2	11	27	8	-	-	1	36	22
Georgia-----	2	-	5	1	29	36	-	-	3	2	78	86
Florida-----	1	-	1	-	23	61	-	1	4	9	159	149
EAST SOUTH CENTRAL-----	-	1	1	7	36	76	2	1	11	23	848	1,433
Kentucky-----	-	-	-	-	4	12	-	-	5	9	393	612
Tennessee-----	-	1	-	1	6	8	-	1	4	6	226	540
Alabama-----	-	-	1	5	16	34	-	-	2	7	173	177
Mississippi-----	-	-	-	1	10	22	2	-	-	-	56	104
WEST SOUTH CENTRAL-----	3	2	-	2	85	120	5	40	17	21	776	786
Arkansas-----	-	1	-	1	12	10	1	-	1	1	80	59
Louisiana-----	2	-	-	1	7	10	-	1	-	1	7	44
Oklahoma-----	-	-	-	-	25	17	4	4	-	-	110	93
Texas-----	1	1	-	-	41	83	-	35	16	19	579	590
MOUNTAIN-----	1	-	1	-	38	21	2	-	15	17	1,616	919
Montana-----	-	-	-	-	15	5	1	-	2	-	256	120
Idaho-----	-	-	-	-	2	1	-	-	-	2	103	64
Wyoming-----	-	-	-	-	2	1	-	-	-	-	4	45
Colorado-----	-	-	-	-	5	2	-	-	4	5	149	146
New Mexico-----	-	-	-	-	11	8	1	-	1	6	247	315
Arizona-----	1	-	1	-	3	3	-	-	5	4	632	169
Utah-----	-	-	-	-	-	1	-	-	3	-	128	35
Nevada-----	-	-	-	-	-	-	-	-	-	-	97	25
PACIFIC-----	3	-	-	4	6	30	18	12	55	56	1,908	1,959
Washington-----	-	-	-	3	-	22	-	-	7	4	323	259
Oregon-----	-	-	-	2	2	2	-	-	10	8	251	368
California-----	3	-	-	1	4	6	18	12	38	44	1,334	1,332
Alaska-----	-	-	-	-	-	-	-	-	-	1	73	57
Hawaii-----	-	-	-	-	-	-	-	-	1	1	46	33
Puerto Rico-----	-	1	3	3	33	36	-	-	2	-	99	116

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 17, 1957, AND AUGUST 16, 1958--Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total <sup>1</sup>				Paralytic		Nonparalytic		110-117		085	
	33d week		Cumulative first 33 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	233	314	1,638	3,212	114	81	82	187	2	6	2,525	1,410
NEW ENGLAND-----	5	1	31	36	1	-	4	1	-	-	210	95
Maine-----	-	-	2	3	-	-	-	-	-	-	48	10
New Hampshire-----	1	-	1	3	-	-	1	-	-	-	4	-
Vermont-----	-	-	2	2	-	-	-	-	-	-	1	5
Massachusetts-----	1	-	7	11	-	-	1	-	-	-	93	51
Rhode Island-----	1	-	2	-	1	-	-	-	-	-	6	2
Connecticut-----	2	1	17	17	-	-	2	1	-	-	58	27
MIDDLE ATLANTIC-----	42	13	159	135	22	-	11	8	-	-	465	224
New York-----	19	5	76	81	12	-	6	5	-	-	229	174
New Jersey-----	17	5	66	28	5	-	4	3	-	-	121	33
Pennsylvania-----	6	3	17	26	5	-	1	-	-	-	115	17
EAST NORTH CENTRAL-----	69	135	265	612	29	32	24	76	1	-	600	380
Ohio-----	14	17	53	123	3	8	3	3	-	-	76	28
Indiana-----	3	19	18	69	1	9	-	4	1	-	20	11
Illinois-----	7	20	38	119	4	9	1	6	-	-	138	46
Michigan-----	42	47	139	182	20	5	20	41	-	-	205	42
Wisconsin-----	3	32	17	119	1	1	-	22	-	-	161	253
WEST NORTH CENTRAL-----	13	32	81	268	8	5	5	18	-	-	131	51
Minnesota-----	1	2	5	30	1	-	-	2	-	-	1	1
Iowa-----	4	8	22	35	-	-	4	7	-	-	86	28
Missouri-----	5	10	19	76	4	4	1	4	-	-	19	5
North Dakota-----	2	-	7	5	2	-	-	-	-	-	16	9
South Dakota-----	-	4	6	28	-	1	-	-	-	-	3	4
Nebraska-----	-	3	10	53	-	-	-	2	-	-	6	4
Kansas-----	1	5	12	41	1	-	-	3	-	-	(*)	-
SOUTH ATLANTIC-----	33	40	348	469	15	14	16	24	-	1	142	107
Delaware-----	4	-	10	4	-	-	4	-	-	-	2	-
Maryland-----	1	-	3	7	1	-	-	-	-	-	19	22
District of Columbia-----	-	7	5	15	-	4	-	3	-	-	2	7
Virginia-----	7	2	47	46	6	-	1	2	-	-	-	29
West Virginia-----	5	2	41	16	3	-	2	2	-	-	32	4
North Carolina-----	12	19	63	153	3	4	9	15	-	1	3	4
South Carolina-----	-	4	10	91	-	-	-	2	-	-	27	17
Georgia-----	3	6	21	49	1	6	-	-	-	-	25	9
Florida-----	1	-	148	88	1	-	-	-	-	-	32	15
EAST SOUTH CENTRAL-----	24	21	153	242	10	7	8	13	-	-	231	53
Kentucky-----	1	7	27	49	1	5	-	2	-	-	93	10
Tennessee-----	7	7	43	81	1	-	5	7	-	-	100	15
Alabama-----	6	2	21	30	6	-	-	2	-	-	29	27
Mississippi-----	10	5	62	82	2	2	3	2	-	-	9	1
WEST SOUTH CENTRAL-----	29	33	341	790	18	10	10	21	-	-	190	160
Arkansas-----	3	1	215	48	-	1	3	-	-	-	2	4
Louisiana-----	3	6	34	120	2	2	1	4	-	-	-	3
Oklahoma-----	1	5	37	79	-	1	2	2	-	-	16	9
Texas-----	22	21	255	543	16	6	6	15	-	-	172	144
MOUNTAIN-----	9	10	93	155	6	6	1	4	-	-	255	156
Montana-----	5	-	36	5	5	-	-	-	-	-	80	9
Idaho-----	1	1	4	14	-	1	-	-	-	-	6	41
Wyoming-----	-	1	2	9	-	-	-	1	-	-	2	3
Colorado-----	1	-	9	22	1	-	-	-	-	-	48	22
New Mexico-----	-	6	21	39	-	4	-	2	-	-	40	28
Arizona-----	1	2	13	37	-	1	1	1	-	-	59	26
Utah-----	1	-	6	25	-	-	-	-	-	-	20	27
Nevada-----	-	-	2	4	-	-	-	-	-	-	-	-
PACIFIC-----	9	29	167	505	5	7	3	22	1	5	301	184
Washington-----	1	1	13	4	-	-	-	1	-	-	36	18
Oregon-----	1	-	17	34	-	-	1	-	-	-	41	63
California-----	7	28	137	467	5	7	2	21	1	5	224	103
Alaska-----	-	-	1	2	-	-	-	-	-	-	38	6
Hawaii-----	5	-	53	2	5	-	-	-	-	-	17	2
Puerto Rico-----	-	4	48	21	-	4	-	-	-	-	41	29

<sup>1</sup>Includes cases not specified by type, category number 080.3.<sup>2</sup>Includes revised report for one or more of the categories paralytic, nonparalytic, and unspecified poliomyelitis.

# Morbidity and Mortality Weekly Report

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 17, 1957, AND AUGUST 16, 1958—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
						33d week		Cumulative first 33 weeks				
	057	1958	1957	340	096.2	1958	1957	1958	1957	101	1958	1957
CONT. UNITED STATES-----	38	44	107	7	4	39	55	592	813	3	74	51
NEW ENGLAND-----	1	4	4	1	-	-	-	9	17	-	-	-
Maine-----	-	-	-	-	-	-	-	1	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	2	-	-	-
Vermont-----	1	1	-	1	-	-	-	-	-	-	-	-
Massachusetts-----	1	1	2	-	-	-	-	5	7	-	-	-
Rhode Island-----	-	-	2	-	-	-	-	-	4	-	-	-
Connecticut-----	-	2	-	-	-	-	-	2	2	-	-	-
MIDDLE ATLANTIC-----	8	5	-	1	1	7	1	70	82	-	11	8
New York-----	4	1	-	1	1	4	1	22	34	-	10	7
New Jersey-----	-	2	-	-	-	1	-	15	18	-	-	-
Pennsylvania-----	4	2	-	-	-	2	-	33	30	-	1	1
EAST NORTH CENTRAL-----	8	5	7	3	1	5	26	48	106	-	17	3
Ohio-----	2	-	-	-	-	3	3	18	41	-	-	-
Indiana-----	2	1	3	-	-	1	21	7	36	-	6	-
Illinois-----	-	2	3	-	-	1	1	9	12	-	-	2
Michigan-----	3	-	-	-	-	-	-	8	10	-	2	-
Wisconsin-----	1	2	<sup>3</sup> 1	3	1	-	1	6	7	-	9	1
WEST NORTH CENTRAL-----	3	2	1	1	2	2	5	50	59	-	21	6
Minnesota-----	2	1	-	1	2	-	-	3	4	-	11	3
Iowa-----	-	-	<sup>3</sup> 1	-	-	1	2	8	15	-	9	1
Missouri-----	1	1	-	-	-	-	3	24	31	-	1	1
North Dakota-----	-	-	-	-	-	-	-	1	1	-	-	-
South Dakota-----	-	-	-	-	-	-	-	5	4	-	-	-
Nebraska-----	-	-	-	-	-	1	-	2	-	-	-	1
Kansas-----	-	-	-	-	-	-	-	7	4	-	-	-
SOUTH ATLANTIC-----	5	10	71	1	-	10	6	111	167	1	8	14
Delaware-----	-	-	-	-	-	-	-	5	1	-	-	-
Maryland-----	1	-	<sup>4</sup> 13	-	-	1	-	5	3	-	-	-
District of Columbia-----	1	-	<sup>5</sup> 13	-	-	-	-	6	8	-	-	-
Virginia-----	2	2	4	-	-	-	6	22	34	-	-	6
West Virginia-----	-	1	2	-	-	2	-	13	40	-	-	-
North Carolina-----	1	4	-	1	-	1	-	14	11	-	-	-
South Carolina-----	-	-	-	-	-	2	-	8	13	-	5	4
Georgia-----	-	1	15	-	-	3	-	23	22	1	3	2
Florida-----	-	2	<sup>6</sup> 24	-	-	1	-	15	35	-	-	2
EAST SOUTH CENTRAL-----	3	7	13	-	-	4	5	68	131	-	8	6
Kentucky-----	-	1	-	-	-	1	-	18	38	-	2	2
Tennessee-----	-	-	5	-	-	1	3	18	54	-	2	-
Alabama-----	2	5	-	-	-	-	-	13	9	-	4	4
Mississippi-----	1	1	7	-	-	2	2	19	30	-	-	-
WEST SOUTH CENTRAL-----	1	4	5	-	-	9	9	146	172	2	5	11
Arkansas-----	-	1	1	-	-	2	-	19	30	-	1	-
Louisiana-----	1	-	-	-	-	-	3	58	41	-	-	-
Oklahoma-----	-	-	2	-	-	-	1	7	18	-	-	2
Texas-----	-	3	2	-	-	7	5	62	83	2	4	9
MOUNTAIN-----	-	3	2	-	-	1	2	47	32	-	2	-
Montana-----	-	1	-	-	-	-	-	2	2	-	-	-
Idaho-----	-	-	-	-	-	-	-	5	2	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	2	-	-	-
Colorado-----	-	-	1	-	-	-	2	5	9	-	-	-
New Mexico-----	-	1	1	-	-	-	-	18	11	-	2	-
Arizona-----	-	-	-	-	-	1	-	7	6	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	1	-	-	-	-	-	8	-	-	-	-
PACIFIC-----	9	4	4	-	-	1	1	43	47	-	2	3
Washington-----	1	1	3	-	-	-	1	7	3	-	-	-
Oregon-----	-	-	1	-	-	-	-	7	5	-	-	-
California-----	8	3	-	-	-	1	-	36	39	-	2	3
Alaska-----	-	-	-	-	-	-	-	-	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	4	-	-	-
Puerto Rico-----	-	-	4	-	-	-	1	15	15	-	-	-

<sup>3</sup>Aseptic meningitis.

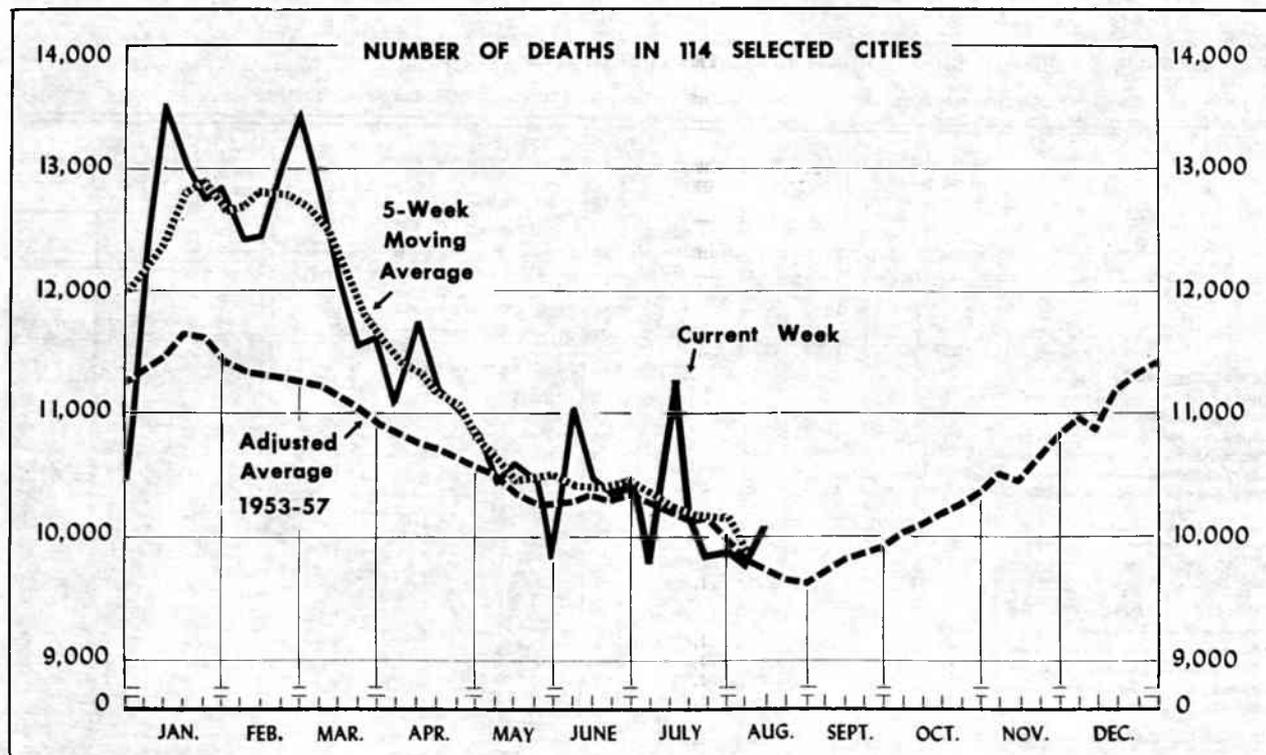
<sup>4</sup>Including 7 cases of aseptic meningitis.

<sup>5</sup>Includes 12 cases of aseptic meningitis.

<sup>6</sup>Includes 20 cases of aseptic meningitis.

Symbols.—1 dash [-]: no cases reported; asterisk [\*]: disease not notifiable.

## Morbidity and Mortality Weekly Report



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is the 5-week moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	33d week ended Aug. 16, 1958	32d week ended Aug. 9, 1958	Adjusted average, 33d week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 33 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	10,094	9,765	9,746	+3.6	374,201	358,216	+4.5
New England----- (14 cities)	626	572	608	+3.0	23,651	23,138	+2.2
Middle Atlantic----- (20 cities)	2,760	2,701	2,789	-1.0	108,140	104,033	+3.9
East North Central----- (19 cities)	2,139	2,047	2,115	+1.1	79,544	77,005	+3.3
West North Central----- (9 cities)	781	672	718	+8.8	26,467	25,477	+3.9
South Atlantic----- (11 cities)	838	867	820	+2.2	32,739	30,105	+8.7
East South Central----- (8 cities)	462	437	473	-2.3	17,498	15,999	+9.4
West South Central----- (13 cities)	952	927	801	+18.9	31,862	30,104	+5.8
Mountain----- (8 cities)	273	287	230	+18.7	9,944	8,908	+11.6
Pacific----- (12 cities)	1,263	1,255	1,165	+8.4	44,356	43,447	+2.1

# Morbidity and Mortality Weekly Report

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**Table 4. DEATHS IN SELECTED CITIES**

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	33d week ended Aug. 16, 1958	32d week ended Aug. 9, 1958	CUMULATIVE NUMBER FIRST 33 WEEKS		AREA	33d week ended Aug. 16, 1958	32d week ended Aug. 9, 1958	CUMULATIVE NUMBER FIRST 33 WEEKS	
			1958	1957				1958	1957
<b>NEW ENGLAND:</b>					<b>WEST NORTH CENTRAL—Con.:</b>				
Boston, Mass.-----	210	188	8,150	7,850	St. Louis, Mo.-----	234	201	8,218	7,854
Bridgeport, Conn.-----	31	33	1,258	1,244	St. Paul, Minn.-----	57	59	2,470	2,206
Cambridge, Mass.-----	24	33	973	999	Wichita, Kans.-----	44	34	1,511	1,460
Fall River, Mass.-----	26	21	928	893	<b>SOUTH ATLANTIC:</b>				
Hartford, Conn.-----	39	38	1,683	1,614	Atlanta, Ga.-----	100	88	3,677	3,596
Lowell, Mass.-----	25	23	887	921	Baltimore, Md.-----	218	229	8,389	7,943
Lynn, Mass.-----	29	19	749	680	Charlotte, N. C.-----	27	41	1,193	1,090
New Bedford, Mass.-----	19	17	800	811	Jacksonville, Fla.-----	45	63	2,041	1,768
New Haven, Conn.-----	38	39	1,519	1,532	Miami, Fla.-----	51	85	2,458	1,617
Providence, R. I.-----	66	46	2,125	2,075	Norfolk, Va.-----	27	39	1,201	1,196
Somerville, Mass.-----	9	13	468	460	Richmond, Va.-----	66	69	2,536	2,480
Springfield, Mass.-----	47	40	1,434	1,414	Savannah, Ga.-----	27	40	1,112	976
Waterbury, Conn.-----	24	17	883	835	St. Petersburg, Fla.-----	(44)	(47)	(2,231)	---
Worcester, Mass.-----	39	45	1,794	1,810	Tampa, Fla.-----	66	36	2,327	2,072
<b>MIDDLE ATLANTIC:</b>					<b>EAST SOUTH CENTRAL:</b>				
Albany, N. Y.-----	44	47	1,638	1,622	Birmingham, Ala.-----	79	77	2,943	2,584
Allentown, Pa.-----	28	26	1,111	1,263	Chattanooga, Tenn.-----	48	47	1,629	1,533
Buffalo, N. Y.-----	121	138	5,032	4,722	Knoxville, Tenn.-----	34	21	938	918
Camden, N. J.-----	36	26	1,436	1,327	Louisville, Ky.-----	81	93	3,674	3,447
Elizabeth, N. J.-----	28	29	1,001	953	Memphis, Tenn.-----	106	88	3,888	3,556
Erie, Pa.-----	34	35	1,175	1,181	Mobile, Ala.-----	30	26	1,321	1,176
Jersey City, N. J.-----	70	60	2,392	2,290	Montgomery, Ala.-----	32	29	1,129	800
Newark, N. J.-----	74	73	3,232	3,440	Nashville, Tenn.-----	52	56	1,976	1,985
New York City, N. Y.-----	1,390	1,367	54,707	52,401	<b>WEST SOUTH CENTRAL:</b>				
Paterson, N. J.-----	32	23	1,383	1,292	Austin, Tex.-----	49	27	1,111	1,009
Philadelphia, Pa.-----	472	419	17,026	16,175	Baton Rouge, La.-----	36	22	956	830
Pittsburgh, Pa.-----	141	166	6,408	5,976	Corpus Christi, Tex.-----	15	21	699	694
Reading, Pa.-----	17	24	714	766	Dallas, Tex.-----	115	111	3,856	3,644
Rochester, N. Y.-----	75	88	3,369	3,145	El Paso, Tex.-----	30	31	1,209	1,024
Schenectady, N. Y.-----	13	16	758	773	Fort Worth, Tex.-----	48	70	2,061	2,066
Scranton, Pa.-----	22	28	1,175	1,262	Houston, Tex.-----	141	134	5,302	4,999
Syracuse, N. Y.-----	58	64	2,068	1,911	Little Rock, Ark.-----	48	55	1,803	1,798
Trenton, N. J.-----	52	25	1,609	1,478	New Orleans, La.-----	182	184	6,004	5,700
Utica, N. Y.-----	27	23	889	1,052	Oklahoma City, Okla.-----	70	55	2,279	2,048
Yonkers, N. Y.-----	26	24	1,017	1,004	San Antonio, Tex.-----	109	106	3,269	3,159
<b>EAST NORTH CENTRAL:</b>					<b>SHREVEPORT, LA.-----</b>				
Akron, Ohio-----	51	46	1,929	1,776	Shreveport, La.-----	39	62	1,625	1,538
Canton, Ohio-----	37	31	1,034	1,019	Tulsa, Okla.-----	70	49	1,688	1,595
Chicago, Ill.-----	663	596	25,390	24,763	<b>MOUNTAIN:</b>				
Cincinnati, Ohio-----	155	144	5,435	5,016	Albuquerque, N. Mex.-----	23	24	947	839
Cleveland, Ohio-----	159	227	6,938	6,839	Colorado Springs, Colo.-----	12	13	496	457
Columbus, Ohio-----	98	112	3,739	3,718	Denver, Colo.-----	117	106	3,780	3,655
Dayton, Ohio-----	64	58	2,421	2,363	Ogden, Utah-----	28	13	497	404
Detroit, Mich.-----	307	258	10,676	10,712	Phoenix, Ariz.-----	24	50	1,504	969
Evansville, Ind.-----	40	38	1,327	1,014	Pueblo, Colo.-----	10	15	422	419
Flint, Mich.-----	25	36	1,255	1,233	Salt Lake City, Utah-----	47	49	1,595	1,465
Fort Wayne, Ind.-----	36	24	1,172	1,181	Tucson, Ariz.-----	12	17	703	700
Gary, Ind.-----	38	24	1,091	966	<b>PACIFIC:</b>				
Grand Rapids, Mich.-----	37	36	1,390	1,354	Berkeley, Calif.-----	16	21	638	630
Indianapolis, Ind.-----	127	135	4,227	3,891	Fresno, Calif.-----	(48)	(27)	(1,262)	---
Madison, Wis.-----	---	(24)	---	(1,050)	Glendale, Calif.-----	(29)	(31)	(1,132)	---
Milwaukee, Wis.-----	107	104	4,451	4,303	Long Beach, Calif.-----	34	63	1,840	1,786
Peoria, Ill.-----	29	23	1,061	1,000	Los Angeles, Calif.-----	482	461	16,184	15,784
Rockford, Ill.-----	(31)	(34)	(902)	(838)	Oakland, Calif.-----	84	99	3,123	3,145
South Bend, Ind.-----	17	20	893	851	Pasadena, Calif.-----	43	31	1,177	1,173
Toledo, Ohio-----	106	82	3,338	3,167	Portland, Ore.-----	80	73	3,348	3,143
Youngstown, Ohio-----	43	53	1,777	1,839	Sacramento, Calif.-----	57	54	1,749	1,684
<b>WEST NORTH CENTRAL:</b>					<b>San Diego, Calif.-----</b>				
Des Moines, Iowa-----	37	44	1,824	1,807	San Diego, Calif.-----	67	79	2,741	2,636
Duluth, Minn.-----	35	14	842	869	San Francisco, Calif.-----	179	163	6,257	6,330
Kansas City, Kans.-----	34	19	878	995	San Jose, Calif.-----	---	(22)	---	---
Kansas City, Mo.-----	130	106	4,108	3,938	Seattle, Wash.-----	126	130	4,482	4,325
Lincoln, Nebr.-----	(21)	(17)	(826)	---	Spokane, Wash.-----	53	51	1,534	1,528
Minneapolis, Minn.-----	135	122	4,262	4,104	Tacoma, Wash.-----	42	30	1,283	1,283
Omaha, Nebr.-----	75	73	2,354	2,244	Honolulu, Hawaii-----	(38)	(31)	(1,224)	(1,264)

Symbols.—Parentheses ( ): data not included in table 3; 3 dashes [---]: data not available.

# Morbidity and Mortality Weekly Report

## QUARANTINE MEASURES

Immunization Information for International Travel  
Public Health Service Publication No. 384

### Changes Reported

The following name should be added to the list of Designated Yellow Fever Vaccination Centers, Section 6:

<u>Center</u>	<u>Clinic hours</u>	<u>Fee</u>
Overseas Medical Center, 40 California Street, San Francisco, California Tel. <u>YU</u> kon 2-8380	Tuesday and Thursday, 2:00 - 4:00 p.m. Saturday, 10:00 a.m. - 12 noon	Yes

## SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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